

Title (en)  
Liquid crystal display device.

Title (de)  
Flüssigkristallanzeigevorrichtung.

Title (fr)  
Dispositif d'affichage à cristal liquide.

Publication  
**EP 0479551 A2 19920408 (EN)**

Application  
**EP 91308978 A 19911001**

Priority  
JP 26468490 A 19901001

Abstract (en)  
In a liquid crystal display device using uniaxially drawn polymer film as a phase difference plate, as the elevation angle becomes wider, the difference between the retardation of the phase difference plate and the retardation of the liquid crystal display panel becomes larger, and the optical compensation relation is broken, and the viewing angle becomes narrower. To solve this problem, uniaxially drawn polymer films are prepared separately from polycarbonate and polystyrene which differ in the optical properties, and they are disposed as the optical compensation plate at the front side (9) and back side (10) of a liquid crystal cell, or they are laminated and disposed at the front side (9) and back side (10) of a liquid crystal cell. <IMAGE>

IPC 1-7  
**G02F 1/1335**

IPC 8 full level  
**G02F 1/133** (2006.01); **G02F 1/1335** (2006.01); **G02F 1/13363** (2006.01); **G02F 1/139** (2006.01)

CPC (source: EP US)  
**G02F 1/13363** (2013.01 - EP US); **G02F 1/1397** (2013.01 - EP US); **G02F 2202/40** (2013.01 - EP US); **G02F 2413/04** (2013.01 - EP US); **G02F 2413/08** (2013.01 - EP US)

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